



#5

SEQUENCE LISTING

<110> Thomas M. Jessell et al.
<120> GENE ENCODING MNR2 AND USES THEREOF
<130> 0575/57477-A-PCT-US/JPW/SHS/MVM
<140> 09/820,598
<141> 2001-03-29
<160> 4
<170> PatentIn version 3.1
<210> 1
<211> 300
<212> PRT
<213> chick embryo
<400> 1

Met His Lys Pro Met Glu Lys Ser Gln Asn Phe Arg Ile Glu Ala Leu
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Leu-Ala Glu Lys-Pro Pro-Arg Ser-Ala Ser-Pro Pro-Gly Leu Ser-Pro
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Ala Gly Ser Pro Gly Pro Ala Gly Arg Thr Asp Thr Pro Ser Pro Arg
35 40 45

Ala Pro Gln Ala Ala Thr Pro Leu Gly Pro Ala Gly Phe Val Pro Lys
50 55 60

Pro Gly Leu Leu His Leu Pro Gly Pro Gly Leu Gly Thr Leu Pro Ala
65 70 75 80

Leu Tyr Pro Pro Ala Val Tyr Pro Leu Pro Ala Leu Gly Gly Gln His
85 90 95

Ala Ala Phe Ala Tyr Thr Ala Phe Pro Gln Leu Pro Pro Pro Gly Ala
100 105 110

Glu His Leu Lys Ala Ala Val Ala Gly Ser Phe Pro Leu Glu Gln Trp
115 120 125

Ile Arg Ala Gly Met Leu Val Pro Arg Leu Ser Asp Phe His Ala Thr
130 135 140

Pro Gln Ser Ala Leu Met Gly Lys Ser Arg Arg Pro Arg Thr Ala Phe
145 150 155 160

Thr Ser Gln Gln Leu Leu Glu Leu Glu Asn Gln Phe Lys Leu Asn Lys
 165 170 175

Tyr Leu Ser Arg Pro Lys Arg Phe Glu Val Ala Thr Ser Leu Met Leu
 180 185 190

Thr Glu Thr Gln Val Lys Ile Trp Phe Gln Asn Arg Arg Met Lys Trp
 195 200 205

Lys Arg Ser Arg Lys Ala Lys Glu Gln Gly Met Ala Val Glu Pro Glu
 210 215 220

Lys Pro Arg Gly Leu Gly Lys Ala Asp Glu Ser Leu Leu Pro Ser Gln
 225 230 235 240

Pro Gln Gly Gln Ala Gly Asp Ser Pro Glu Phe Val Gly Cys Ser Pro
 245 250 255

Gly Thr Gly Phe Leu Cys Arg Ser Ala Glu Leu Gly Tyr Asp Pro Asp
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Ser Ser Cys Ser Gly Gly Glu Glu Asp Glu Glu Glu Glu Asp Asp Gly
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Met Asp Thr Ala Glu Arg Lys Met Gly Ser Val Leu
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 atggacactg cggagaggaa gatgggctct gtgttgtaga gaggttcccg ggtgaggagt 180
 tggaccagtc tcggctggca gacacagact gtgcccattg gcagcgtggg ggctgagggg 240
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 35 40 45
 Ser Ser Ser Ser Ser Ser Glu Leu Pro Ala Asp Cys Pro Arg Thr Asp
 50 55 60
 Ser Pro Ser Pro Pro Arg Leu Leu Pro Ala His Cys Ala Leu Leu Pro
 65 70 75 80
 Lys Ala Ala Phe Leu Gly Gly Gly Gly Pro Gly Gly Gly His Pro Gln
 85 90 95
 His His Ala Leu Gly Leu His Pro Ala Gly Pro Gly Gly Pro Gly Leu
 100 105 110
 Tyr Gly His Pro Val Tyr Gly Tyr Pro Ala Leu Gly Gly Gln His Pro
 115 120 125
 Ala Leu Ser Tyr Ser Tyr Ser Gln Val Gln Gly Ala His Pro Ala His
 130 135 140
 Pro Ser Ala Asp Pro Ile Lys Leu Ser Ala Gly Thr Phe Gln Leu Asp
 145 150 155 160
 Gln Trp Leu Arg Ala Ser Thr Ala Gly Met Ile Leu Pro Lys Met Pro
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 Asp Phe Gly Ser Gln Ala Gln Ser Asn Leu Leu Gly Lys Cys Arg Arg
 180 185 190
 Pro Arg Thr Ala Phe Thr Ser Gln Gln Leu Leu Glu Leu Glu His Gln
 195 200 205
 Phe Lys Leu Asn Lys Tyr Leu Ser Arg Pro Lys Arg Phe Glu Val Ala
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 Thr Ser Leu Met Leu Thr Glu Thr Gln Val Lys Ile Trp Phe Gln Asn
 225 230 235 240
 Arg Arg Met Lys Trp Lys Arg Gln Lys Lys Ala Lys Glu Gln Ala Ala
 245 250 255

Gln Glu Ala Glu Asn Glu Lys Gly Gly Gly Gly Gly Glu Asp Lys Ser
 260 265 270

Gly Pro Arg Glu Leu Leu Leu Pro Gly Pro Glu Lys Gly Gly Gly Arg
 275 280 285

Arg Leu Arg Glu Leu Pro Asp Ser Glu Pro Glu Asp Glu Glu Glu Glu
 290 295 300

Glu Glu Glu Glu Glu Glu Ala Glu Ala Gly Arg Cys Cys Pro Tyr His
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Ser Ser Asp Cys Ser Glu Ala Asp Glu Glu Asp Ser Gln Ser Gly Gly
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aaaaaaaaa aaa	1513
